

Converting Colors

Hex(B1BCF6)

Have a look what the booklet for
Hex(B1BCF6) contains.

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Color

Hex(B1BCF6)

Conversions

Conversions Part 1

Format	Color
Hex	B1BCF6
RGB	177, 188, 246
RGB Percent	69%, 74%, 96%
CMY	0.3059, 0.2627, 0.0353
CMYK	0.28, 0.24, 0.00, 0.04
HSL	230°, 79%, 83%
HSV	230°, 28%, 96%
XYZ	52.7492, 51.9674, 94.4393
YIQ	191.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

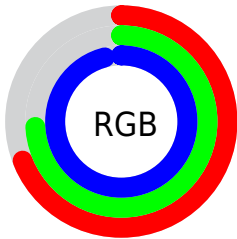
Format	Color
RYB	177, 186, 246
Decimal	11648246
CIELab	77.26, 8.91, -29.94
CIELCh	77, 31.235, 286.565
Yxy	51.9674, 0.2649, 0.2609
Android (android.graphics.Color)	4289838326 (0xFFB1BCF6)
YUV	191.3230, 26.9558, -12.5613
Hunter-Lab	72.0884, 4.4591, -27.2109

Details

The Hex color **B1BCF6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F6EBB1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **EAF4FF**, and **7B87BE** is the 20% darker color. If you saturate the color by 10%, you get **98A7F6**, and if you desaturate by 10%, it is **CAD1F6**.

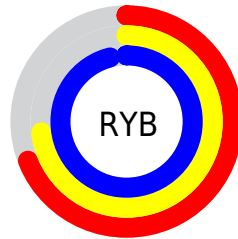
Distribution



Red (69%)

Green (74%)

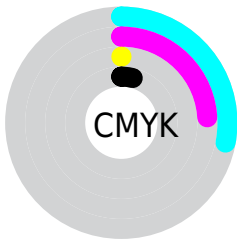
Blue (96%)



Red (69%)

Yellow (73%)

Blue (96%)

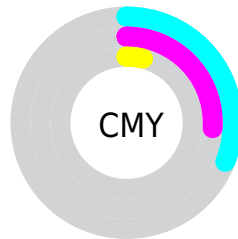


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BCF6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B1BCF6 by changing the saturation by 10% instead.

 B1BCF6

FFFFFF

 EAF4FF

 B1BCF6


 96A1D9

 7B87BE

 616EA2

 475588

 2D3E6E

 112956

 00153E

 000328

 000112

 B1BCF6

 B1BCF6

 98A7F6

 CAD1F6

 8093F6

 E2E5F6

 677EF6

 FBFAF6

 4F69F6

 FFFFF6

 3655F6

 1D40F6

 052BF6

 0027F6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87C5F6



B1BCF6



D7B2E7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1BCF6



F3AF96



81CEB0

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B1BCF6



F6EBB1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A2CA96



B1BCF6



DFB987

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1BCF6



F9AAB0



C3C287



68CFCE

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1BCF6



E9ADD6



C3C287



8CCDA7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B1BCF6



EBE EFF



B1F6EB



737580



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1BCF6



A8B6FF



C8B1F6



6E707A



001EBA



00093B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F6B1BC



FFA8B6



DFF6B1



7A6E70



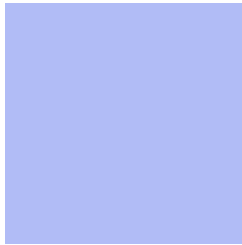
BA001E



3B0009

Previews

White Background



This preview shows how the Hex color B1BCF6 looks on a white background.

Color Contrast Check

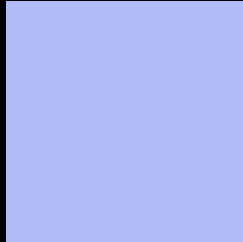
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B1BCF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

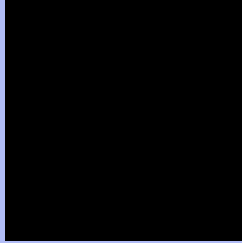
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B1BCF6 Background



This preview shows how black text looks on a background with the Hex color B1BCF6.



This preview shows how white text looks on a background with the Hex color B1BCF6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

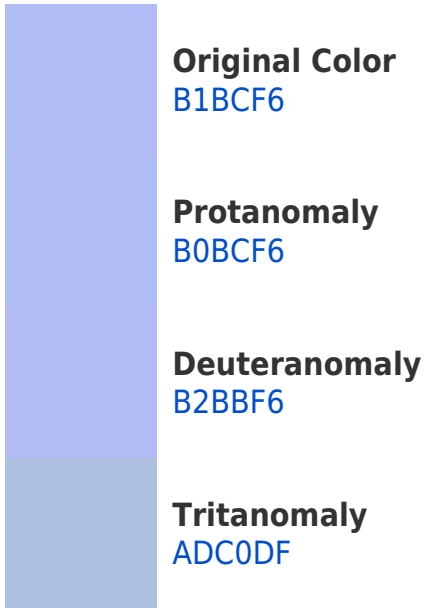


Original Color
B1BCF6

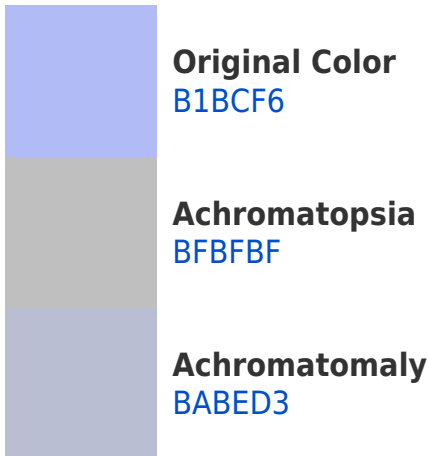
Protanopia
AFBCF6

Deuteranopia
B3BBF6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BCF6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B1BCF6 looks like.

```
.text, #text, p{  
    color:#B1BCF6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B1BCF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BCF6
}
```

Border

The CSS property to change the border of an element to Hex B1BCF6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1BCF6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B1BCF6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B1BCF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BCF6; -webkit-box-shadow:4px 4px  
4px 4px #B1BCF6; box-shadow:4px 4px 4px  
4px #B1BCF6 }
```

Background

The CSS property to change the background color of an element to Hex B1BCF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BCF6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B1BCF6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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